| SH | F | =т | 1 | 0 | F | 4 |
|----|---|----|---|---|---|---|

| • | 1 | | | SHEET 1 OF 1 |
|----|--------------------|--|------------------------------------|----------------------------------|
| 6 | FG&M PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. INTV.008A | APPLICATION NO. 10/092,376 |
| | | DISCLOSURE STATEMENT | | RECEIVED |
| E. | | Y APPLICANT SHEETS IF NECESSARY) | APPLICANT Katsavounidis, et al. | 007.2 4. 2002 |
| ** | THADE YUSE SEVERAL | SHEETS IF NECESSARY) | FILING DATE March 5, 2002 | GROUP 2614 Sanbridget Danter PAG |

| | • | | U.S. PATENT DOCUMENTS | | | |
|---------------------|---|----------|-----------------------|-------|----------|---------------------------------|
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
| ST | 10/092,368 | 03/05/02 | Kim, et al. | | | |
| Da | 10/092,353 | 03/05/02 | Katsavounidis, et al. | | | |
| 500 | 10/092,384 | 03/05/02 | Kim, et al. | | | |
| 880 | 10/092,340 | 03/05/02 | Kim, et al. | | | |
| 80 | 10/092,375 | 03/05/02 | Kim, et al. | | | |
| Pa | 10/092,345 | 03/05/02 | Kim, et al. | | | |
| For | 10/092,392 | 03/05/02 | Katsavounidis, et al. | | | |
| Pa | 10/092,383 | 03/05/02 | Zhao, et al. | | | - |
| 899 | 10/092,373 | 03/05/02 | Kim, et al. | | | ~ |
| 7 | 10/092,339 | 03/05/02 | Kim, et al. | | | |
| 12 | 10/092,394 | 03/05/02 | Katsavounidis, et al. | | | |

| EXAMINER INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) | | | | | |
|---------------------|---|--|--|--|--|--|
| | M. Budagavi and J. D. Gibson, "Error propagation in motion-compensated video over wireless channels," in Proc. ICIP'97, vol. 2, Oct. 1997, pp. 89-92. | | | | | |
| | JinGyeong Kim, JongWon Kim and CC. Jay Kuo,"An Integrated AIR/UEP Scheme for Robust Video Transmission with a Corruption Model" Paper presented at ITCOM 2001 (Aug. 2001). | | | | | |
| <u></u> | Chang Su Kim, Ph.D. Thesis, "On the Techniques for Robust Transmission of Video Sequence over Noisy Channel" Graduate School of Seoul National University, Department of Electrical Engineering, August 2000 pp. 1-140 | | | | | |
| - | Scung Hwan Kim, Chang Su Kim, and Sang Uk Lee, "Enhanced motion compensation algorithm based on second order prediction," Proc. ICIP-2000, vol. 2, pp. 875-878, Sept. 2000. | | | | | |
| | Chang-Su Kim, Rin-Chul Kim, and Sang-Uk Lee, "Robust transmission of video sequence using double-vector motion-compensation," IEEE Transactions on Circuits and Systems for Video Technology, vol. 11, no. 9, pp. 1011-1021, Sept. 2001. | | | | | |
| | Lifeng Zhao, Jitac Shin, JongWon Kim, and CC. Jay Kuo, "FGS MPEG-4 video streaming with constant quality rate adaptation, prioritized packetization and differentiated forward," in Proc. SPIE ITCOM 2001: Video Technologies for Multimedia Applications, Denver, CO, Aug. 2001. | | | | | |
| _ | Lifeng Zhao, Jong Won Kim, and CC. Jay Kuo, "MPEG-4 FGS video streaming with constant quality rate control and differentiated forwarding," in Proc. SPIE Visual Communications and Image Processing 2002, San Jose, CA, Jan. 2002. | | | | | |

MSO-3672.DOC:afa 101602

| | | | ′ / | _ |
|---|--------------------|----|--------|------------------------|
| EXAMINER (1) | DATE CONSIDERED // | 19 | 7/0 | 4 |
| *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS | | | LINE T | HROUGH CITATION IF NOT |

Nota

| | | | | | | | 11461 10 |
|--------------------|---|-----------------------------------|--|------------------|--------------------|---------------------|----------|
| FORM P | TO-1449 U.S. DEPARTMEN PATENT AND TR | IT OF COMMERCE MADEMARK OFFICE | ATTY, DOCKET NO. INTV.006A | APPLIC 10/092 | ATION NO. 1,378 | | • |
| INFO | ORMATION DISCLOSURE STATE | EMENT | | | | | |
| OIPA | BY APPLICANT | | APPLICANT Katsavounidis, et al. | | | | |
| r.(US | E SEVERAL SHEETS IF NECES | SARY) | FILING DATE March 5, 2002 | GROUP 2614 | | | |
| P. 0 4 2002 | \$ | | | | | | |
| PADEMARK OF | // | | U.S. PATENT DOCUMENTS | | | <u></u> | |
| PADEMARK | / | | | | ı | | |
| XAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING (IF APPRO | |
| Sa | 5,438,664 | 07/25/95 | Henry | • | | | |
| Pd | 5,502,573 | 03/26/96 | Fujinaml | | | | |
| Par | 6,141,448 | 10/31/00 | Khansari, et al. | | | | |
| fa | 6,148,026 | 11/14/00 | Puri, et al. | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | ······································ | | | | |
| | | FO | REIGN PATENT DOCUMENTS | | 1 | | |
| XAMINER | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANS | LATION |
| INITIAL | | | | | | YES | NO |
| | | 1 1 | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | • |
| | | | | | | | • |
| | 07 | HER DOCUMENTS | (INCLUDING AUTHOR, TITLE, DATE, PEI | RTINENT PAGES, | ETC.) | | • |
| EXAMINER INITIAL | 07 | HER DOCUMENTS | (INCLUDING AUTHOR, TITLE, DATE, PEI | RTINENT PAGES, | ETC.) | | |
| | 01 | HER DOCUMENTS | (INCLUDING AUTHOR, TITLE, DATE, PEI | | | | • |
| | 01 | HER DOCUMENTS | (INCLUDING AUTHOR, TITLE, DATE, PEI | | ECEIV | | |
| | 01 | HER DOCUMENTS | (INCLUDING AUTHOR, TITLE, DATE, PEI | F | ECEIV | /ED | |
| | 07 | HER DOCUMENTS | (INCLUDING AUTHOR, TITLE, DATE, PEI | F | | /ED | |

| | <u> </u> | | |
|---|---------------------|-----------|-----------------------|
| EXAMINER | DATE CONSIDERED /// | 9/0 | 4 |
| *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WIT | | W ZINE TH | ROUGH CITATION IF NOT |

| 10 | IPE | | SHEET 1 OF |
|-------|-----------------------------------|---------------------------------|-------------------------------|
| OCT E | 1 1007 () | ATTY, DOCKET NO. INTV.006A | APPLICATION NO. 10/092,376 |
| CAT & | BY APPLICANT | APPLICANT Katsavounidis, et al. | |
| | (USE SEVERAL SHEETS IF NECESSARY) | FILING DATE March 5, 2002 | GROUP 2614 |

| | | U.S. | PATENT DOCUMENTS | | | | |
|---------------------|-----------------|---------------------|--------------------------------|-----------------|-------------|--------------------|------------------|
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING (IF APPR | DATE OPRIATE) |
| 821 | 5,912,707 | 06/15/99 | Kim | | | | |
| PB | 5,936,874 | 08/10/99 | Kim | | | | |
| PU | 5,995,171 | 11/30/99 | Enari et al. | | | RFC | ENZ |
| | | | | | | OCT (| LIVE |
| | | | | | Te | Chnology | <u> 7 3 ZU(</u> |
| | | | | | | cgy | center. |
| | | FOREI | GN PATENT DOCUMENTS | | | | |
| XAMINER | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANS | LATION |
| INITIAL | | | | | | YES | NO |
| | | | | | | _ | - |
| | | | | | | | |
| | | _ | | | | | |
| | | | | | | | |
| XAMINER INITIAL | 0, | THER DOCUMENTS (INC | CLUDING AUTHOR, TITLE, DATE, P | ERTINENT PAGES, | ETC.) | | |
| • | | | | | | | |
| | | | | | | | |

MSO-3601.DOC:afa

| | \sim \sim \sim | | / / | / |
|---------------|--|---------------------------|----------------------|-----------------------|
| EXAMINER | y an | DATE CONSIDERED | 11/9/ | 04 |
| *EXAMINER: IN | NITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION | IS IN CONFORMANCE WITH ME | PEP 609: DRAWLINE TH | FOUGH CITATION IF NOT |